



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT: Victor Dzau *et al.*  
SERIAL NUMBER: 10/701,789 EXAMINER: Li, Qian Janice  
FILING DATE: November 5, 2003 ART UNIT: 1633  
FOR: MESENCHYMAL STEM CELLS AND METHODS OF USE THEREOF

Mail Stop RCE  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE AND AMENDMENT TO OFFICE ACTION DATED AUGUST 17, 2007**

This paper is in response to the Office Action, which was mailed on August 17, 2007. With a three-month extension, a response is due on or before February 19, 2008. The Commissioner is hereby authorized to charge any additional fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-0311, Reference No. 18989-028.

Please amend the above-identified application as follows.

**Amendments to the Claims** are made in the **Listing of Claims** beginning on Page 2 of this paper.

**Remarks** begin on page 5 of this paper.